

State of California
AIR RESOURCES BOARD

Summary of Board Meeting
October 23, 2003

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

MEMBERS PRESENT: Hons. Alan C. Lloyd, Ph.D., Chairman
Dr. William A. Burke
Joseph C. Calhoun, P.E.
Doreen D'Adamo
Mark DeSaulnier
C. Hugh Friedman
William F. Friedman, M.D.
Matthew R. McKinnon
Barbara Riordan

AGENDA ITEM #

03-8-1: Health Update

SUMMARY OF AGENDA ITEM:

Staff discussed results from the Children's Health Study which show that elevated levels of ambient ozone can increase school absenteeism in children. The study found an increase of 0.02 ppm of ambient ozone in the South Coast was associated with a 63% increase in illness-related absence rates. Staff also a second study funded by ARB to estimate health benefits of ozone exposure reductions on school absences among children in the South Coast Air Basin. It was estimated that over 3 million absences were avoided in 1999 due to the reduction in ozone levels from 1990 to 1999. If the 1999 ozone levels were reduced to attain the California ozone standard, 900,000 additional absences per year would be avoided in the South Coast. Reductions in ozone concentrations reduces school absences, leading to greater productivity for parents, higher quality of education, and potentially greater productivity for children.

ORAL TESTIMONY: None

FORMAL BOARD ACTION: None (informational)

RESPONSIBLE DIVISION: Research Division

STAFF REPORT: None

03-8-2 & 03-8-3

Public Meeting to Consider New Strategy for the State Implementation Plan (SIP) and the 2003 South Coast SIP

SUMMARY OF AGENDA ITEM:

On October 23, 2003, the Air Resources Board approved the new State and Federal Strategy for the California State Implementation Plan (Statewide Strategy) and the 2003 South Coast State Implementation Plan (South Coast Plan). The Statewide Strategy includes over 20 new control measures ARB will pursue to help nonattainment areas meet federal ozone and particulate standards in 2010. The South Coast Plan updates the existing federal attainment plans for one-hour ozone, particulate matter less than or equal to ten microns in diameter (PM10), and carbon monoxide in the South Coast Air Basin (SCAB). The plan also updates the federal nitrogen dioxide maintenance plan for the SCAB and updates the Coachella Valley PM10 Plan.

Several of the approved Statewide Strategy commitments apply specifically to the ozone element of the South Coast Plan. First, the Board approved staff's proposal to achieve 50 tons per day (tpd) reactive organic gas (ROG) and 59 tpd oxide of nitrogen (NOx) emission reductions in the SCAB by 2010, by adopting specific measures or alternatives. The Board also approved staff's proposed schedule for evaluating 21 additional measures, and Board consideration of those measures found to be feasible and for which the State obtains the necessary funding and legislative authority. In response to public testimony, the Board also approved a commitment to adopt further measures by 2008 to achieve 97 additional tons per day combined ROG and NOx reductions in the SCAB in 2010.

The District's near-term control strategy, as identified in the South Coast Plan, includes a commitment to achieve 21.5 tpd ROG and 5 tpd NOx emission reductions in the SCAB by 2010, through the adoption of specific measures defined in the South Coast Plan, substitute measures or emission inventory updates. The South Coast Plan demonstrates attainment of the federal PM10 standards by 2006, with controls to reduce directly emitted PM10, ROG, NOx,

sulfur oxides (SOx) and ammonia emissions. It also reflects the Southern California Association of Governments' commitment to reduce growth in transportation sector emissions by 15.7 tpd ROG and 7.8 tpd NOx by 2010.

Adopted measures and proposed near-term State and local measures achieve 79 percent of the reductions needed between the 1997 plan base year and the 2010 ozone attainment date. As allowed by Clean Air Act section 182(e)(5), the remaining reductions will be achieved by long-term measures.

The South Coast Plan includes a District long-term commitment to achieve 31 tpd ROG emission reductions and identifies 68 tpd NOx and 18 tpd ROG as the federal long-term emission reduction assignment. Since U.S. EPA has indicated it will not approve a plan that includes a new federal obligation, ARB committed to backstop the federal responsibility to ensure expeditious NOx reductions for fine particulate matter. ARB committed to lead a multi-agency effort and public process to identify and adopt long-term measures to achieve the remaining emission reductions needed for ozone attainment, including 66 tpd ROG+NOx that may be achievable with new authority and/or funding.

To further accelerate implementation of the long-term strategy, the Board directed staff to hold SIP Implementation Summits and report back annually for the next three years on identification of measures and a schedule to achieve the long-term reductions.

The Board heard testimony from 81 witnesses, most of whom urged the Board to increase the State's near-term emission reduction commitment.

ORAL TESTIMONY:

Roy Wilson – SCAQMD Board Member
Jane Carney – SCAQMD Board Member
Mike Antonovich – SCAQMD Board Member
Cynthia Verdugo Peralta – SCAQMD Board Member
Josef Kekula – City Official – City of Lynwood
Mayor Pro Tem Margaret Clark – City of Rosemead
Dee Allen – representing Councilwoman Jan Perry – City of LA
Jackie McHenry – Councilmember – City of Claremont
Hank Kuiper – So CA Assoc of Gov'ts (SCAG)
Mark Pisano - SCAG
Marsh McLean – Councilmember – City of Santa Clarita
Laurene Weste – Councilmember – City of Santa Clarita

John Parsons-Councilmember-City of Redondo Beach
Maria Lopez with 4th Grade Class
Fred Trueblood – Representing Assemblymember Keith Richman
Barbara Park – Representing State Senator Jack Scott
Barry Wallerstein – SCAQMD
Lynne Edgerton – Self
Michael Mendez – Representing Assemblymember Cindy Montanez
Steve Veres – City of San Fernando
Doug Quetin – CAPCOA
Karen Wilson – Sacramento Metropolitan AQMD
Jonah Ramirez – Asthma Ambassador – American Lung Assoc.
Gail Feuer – NRDC
Tim Carmichael – Coalition for Clean Air
Patricia Byrd – American Lung Assoc.
Dr. Joseph Lyou – CA Environmental Rights Alliance
Fransiska Cahya – American Lung Assn LA County
Gilbert Estrada – Physicians for Social Responsibility
Penny Newman – CCAEJ
Carol Piceno – Communities for a Better Environment
Berishaj Rok'o – citizen
Paul Garcia – citizen
Mrs. C.S. de Macias – citizen
Stephanie Barger – Earth Resource
Linda Nicholes – Earth Resource
Dennis Baker – Earth Resource
James Provenzano, Virginia Field – Clean Air Now
Robina Suwol – CA Safe Schools
Jim Stewart – Earth Day Los Angeles
Jose A. Urias – Urias Trucking
Jay Brakensiek – LA Unified School District
Rick Margolin – Energy Independence Now Coalition
Dr. Brad Edgar – Cleaire
Thomas Johnson – Port of Long Beach
John Berge – Pacific Merchant Shipping Association
Chris Patton – Port of LA
Bob Wyman – Regulatory Flexibility Group
Bill Quinn – CA Council for Environmental & Economic Balance
Curtis Coleman – SMTA SCAQA
Cindy Sullivan – Consultant to SCAQMD
Christopher Weaver – SCAQMD
Bea La Pisto-Kirtley – SCAQMD Board Member
Doug Lawson – SCAQMD
Bonnie Holmes-Gen – American Lung Assoc. of CA
Bill La Marr – CA Small Business Alliance
Tom Diep – Printing Industries of CA
James White – White Environmental Assoc.

John Billheimer – Enviro Realty
Ignacio Garcia – IG Trucking
Dick Hoffman – Royal Truck Bodies
Greg Adams – LA County Sanitation
Michael Eaves – CA Natural Gas Vehicle Coalition
Lee Wallace – Sempra Utilities
Donald Nixon – Bentax Sweden
Philip Hodgetts – Clean Air Now
Cecilia Sandoval – Long Beach Alliance for Children with Asthma
Agustin Eichwald – Communities for a Better Environment
Roye Love – Del Amo Homeowners
Jerry Piro – East Valley Coalition
Martin Rubin – Concerned Residents Abort Airport Pollution
Doug Raymond – Diversified Brand/Sherwin Williams
Christa Cole - California Tan
William Auriemma – Diversified CPC Intl.
Geri Duncan Jones – American Health & Beauty Aids
Debbie Waite – Creative Nail Design, Inc.
Cameron Smith – Herbalife International
Tom Clifford – American Beauty Assoc.
Jim Bodnar Aerosol Services Co. Inc
John Owens – SC Johnson Company
William L. Lafield – Automotive Specialty Products Assoc.
Joseph T. Yost – Consumer Specialty Products Assoc.
Thomas Donegan – CTFA
Sylvia Garibay – Wilmington Coalition
Jesse Marquez – Wilmington Coalition
Danilo Marquez – Wilmington Coalition
Alejandro Marquez – Wilimington Coalition
Kristin Aldana Taday – Pacoima Beautiful
Liseth Romen-Martinez, Pacoima Beautiful
Maria Elena Arreola – Communities for a Better Environment
Gurcharan Bawa-Citizen
John Hunter -Citizen
Moises Lara – Pier West
Roy Peters – Trinity Consultants
Edgar L. Cruz – Pier West
Martha Rios – Wallis-Moreno Valley Unified
Stephanie Pacheco – Environmental Planning & Policy
Rick Bishop – Western Riverside Council of Gov'ts and
SubRegional Coordinator's Group
Roy Miller – Riverside Asthma Coalition
Clayton Miller – Construction Industry Air Quality Coalition
Jan Kidwell-Citizen
Harvey Eder – Public Solar Power Coalition
Brendan Huffman-LA Chamber of Commerce

Maria Hall – Communities for a Better Environment
David Schonbrunn – TRANSDEF
Ok Hwan Kim – Dry Cleaning Assn.

FORMAL BOARD ACTION:

The Board unanimously approved Resolution 03-02 adopting the Statewide Strategy with the amendments described above. The Board also unanimously approved Resolution 03-23, to adopt and submit the 2003 South Coast Plan and the 2003 Coachella Valley PM10 Plan to the U.S. EPA as revisions to the California SIP.

RESPONSIBLE DIVISION: Planning and Technical Support Division

STAFF REPORT: Yes

03-8-4 Public Meeting to Consider Heavy-Duty Engine Software Upgrade Regulations (Chip Reflash)

The item was postponed.

03-8-5 Public Meeting to Consider A Status Report of the Use of Cleaner Fuels and Efforts to Reduce Emissions from Locomotives and Marine Vessels

SUMMARY OF AGENDA ITEM:

At its July 24, 2003 meeting, the Board directed staff to evaluate the use of cleaner fuels in locomotives and commercial marine vessels. Staff presented the following information to the Board:

- how locomotive and marine vessel emissions fit into the overall emissions inventory;
- what has been done to reduce emissions thus far; and
- other strategies that could be pursued to achieve additional reductions from locomotives and marine vessels, including cleaner fuels.

Staff concluded that while the locomotive and marine sectors have some unique challenges, emission reductions from these categories are critical to California's quest for clean air. Future efforts to reduce emissions from locomotives and marine vessels include new engine standards, cleaner fuels, and innovative strategies to reduce emissions from in-use fleets. Staff reiterated its commitment to achieving further emission reductions and that it

intends to work locally, nationally and internationally to ensure that progress is being made.

ORAL TESTIMONY: None

FORMAL BOARD ACTION: None (informational)

RESPONSIBLE DIVISION: Mobile Source Control Division and Stationary Source Division

STAFF REPORT: None

03-8-6 2003 Annual Air Quality Legislative Summary

SUMMARY OF AGENDA ITEM:

Legislative Office presented a review of air quality legislation from the 2003 legislative year. The major themes discussed were: Central Valley air quality, environmental justice, energy, indoor air pollution, Smog Check, and air toxics. The presentation also included a discussion on special hearings held by the Legislature throughout the year.

ORAL TESTIMONY: None

FORMAL BOARD ACTION: None

RESPONSIBLE DIVISION: Chairman's Office; Legislative Office

STAFF REPORT: Yes